KIOSKAPP

Code analysis

By: Gateway

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CONTENT

INTRODUCTION

This document contains results of the code analysis of KioskApp.

CONFIGURATION

- Quality Profiles
  - Names: Sonar way [Java]; Stryker [Kotlin]; Stryker [XML];
  - Files: AX9JLBXVZWz9exVyjg9p.json; AX_WRsJAZoNvhpLrXfw9.json; AX_WbTE_ZoNvhpLrXf1b.json;
- Quality Gate
  - Name: Sonar-StrykerAndroid
  - File: Sonar-StrykerAndroid.xml

SYNTHESIS

ANALYSIS STATUS

Reliability	Security	Security Review	Maintainability
A	A	A	A

QUALITY GATE STATUS

Quality Gate Status	Passed

Metric	Value
Reliability Rating on New Code	OK
Security Rating on New Code	OK
Maintainability Rating on New Code	OK
Duplicated Lines (%) on New Code	OK

METRICS

Coverage	Duplication	Comment density	Median number of lines of code per file	Adherence to coding standard
0.0 %	0.6 %	11.4 %	24.0	99.9 %

TESTS

Total	Success Rate	Skipped	Errors	Failures
0	0 %	0	0	0

DETAILED TECHNICAL DEBT

Reliability	Security	Maintainability	Total
-	-	0d 1h 30min	**0d 1h 30min**

METRICS RANGE

	Cyclomatic Complexity	Cognitive Complexity	Lines of code per file	Comment density (%)	Coverage	Duplication (%)
Min	0.0	0.0	1.0	0.0	0.0	0.0
Max	297.0	289.0	3534.0	99.4	0.0	11.4

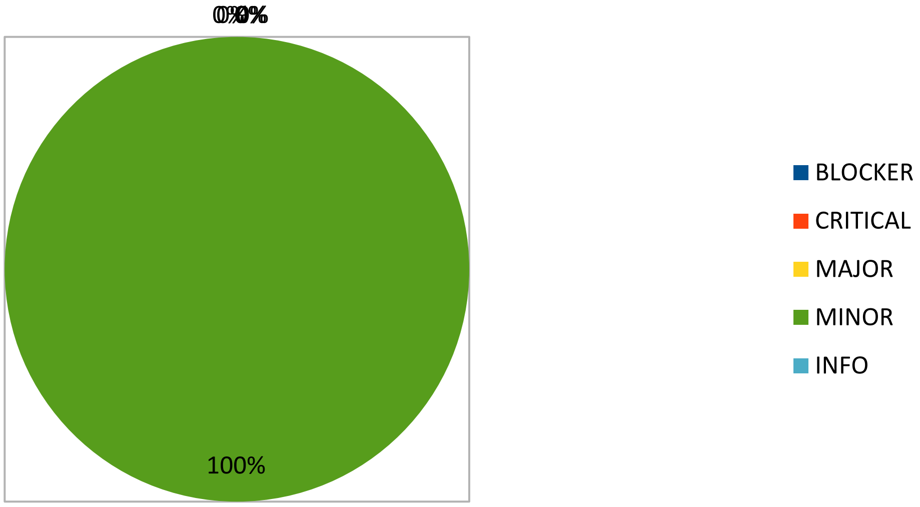
VOLUME

Language	Number
Java	37
Kotlin	2305
XML	1192
Total	3534

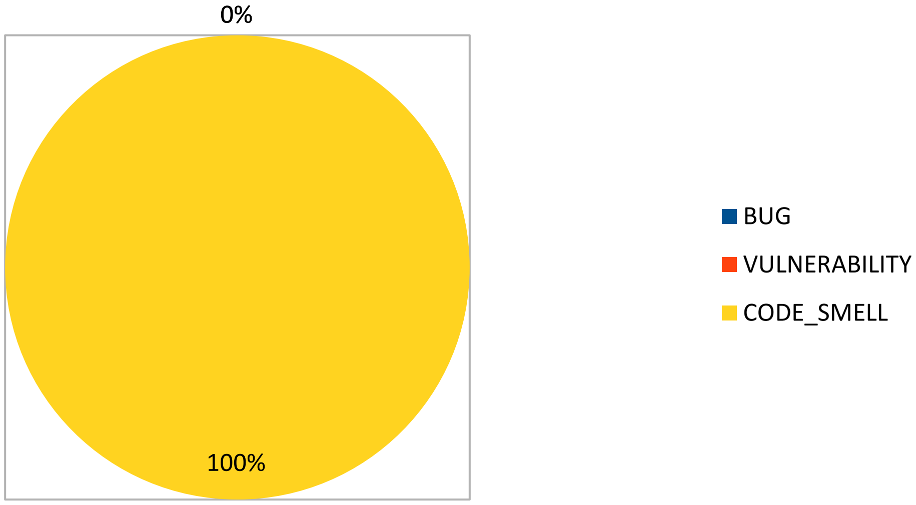
ISSUES

CHARTS

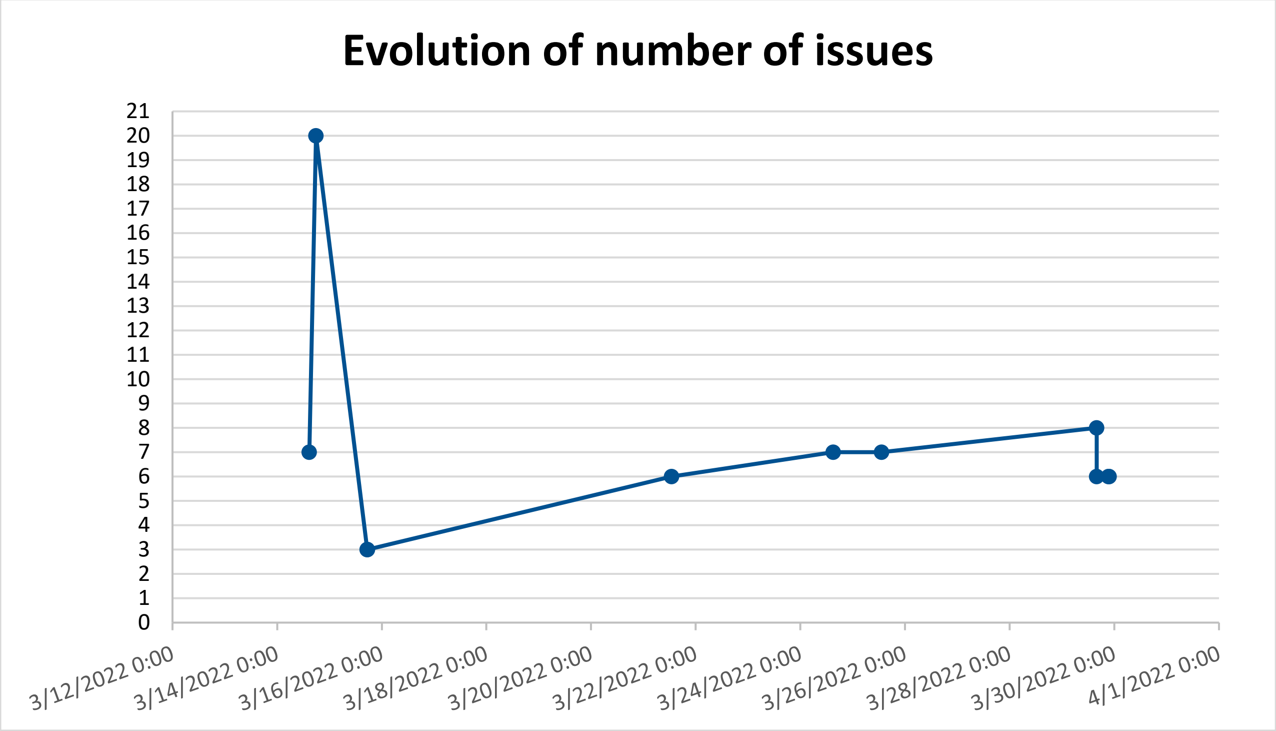
Number of issues by severity

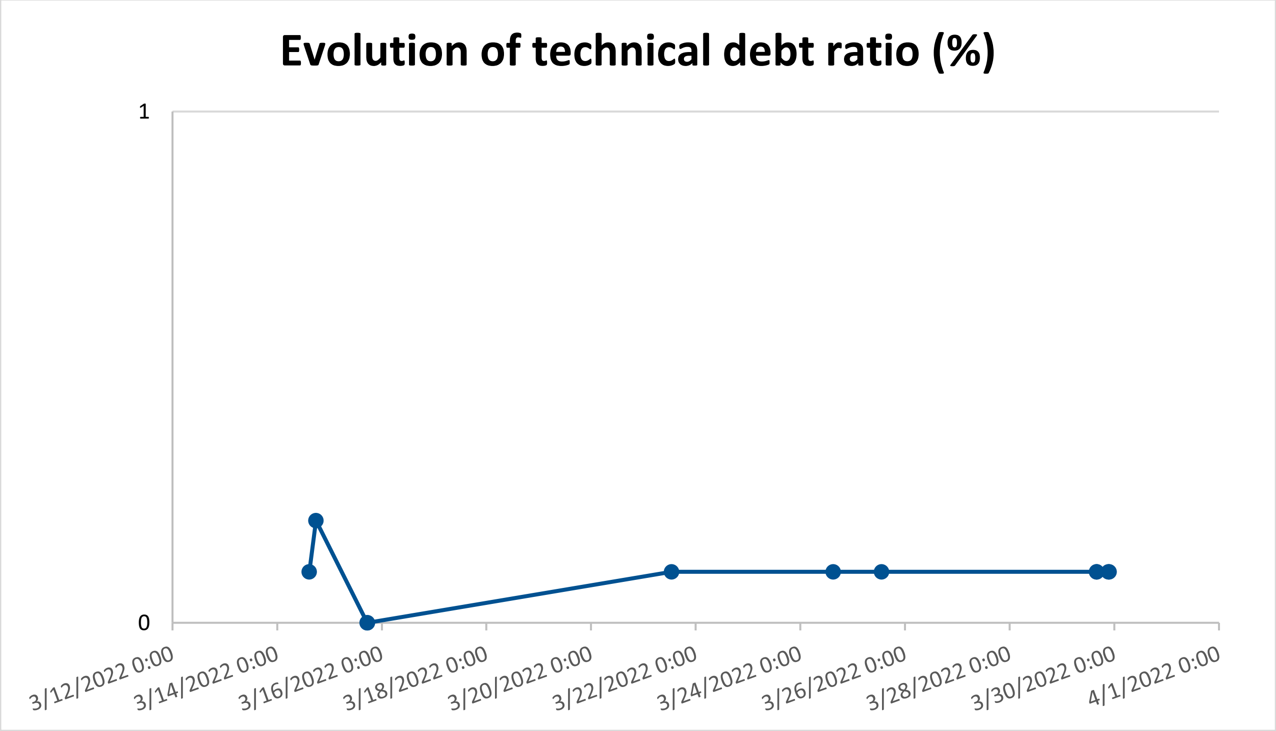


Number of issues by type



KioskApp


Evolution of number of issues
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
3/12/2022 0:00
3/14/2022 0:00
3/16/2022 0:00
3/18/2022 0:00
3/20/2022 0:00
3/22/2022 0:00
3/24/2022 0:00
3/26/2022 0:00
3/28/2022 0:00
3/30/2022 0:00
4/1/2022 0:00


Evolution of technical debt ratio (%)
1
0
3/12/2022 0:00
3/14/2022 0:00
3/16/2022 0:00
3/18/2022 0:00
3/20/2022 0:00
3/22/2022 0:00
3/24/2022 0:00
3/26/2022 0:00
3/28/2022 0:00
3/30/2022 0:00
4/1/2022 0:00

ISSUES COUNT BY SEVERITY AND TYPE

Type / Severity	INFO	MINOR	MAJOR	CRITICAL	BLOCKER
BUG	0	0	0	0	0
VULNERABILITY	0	0	0	0	0
CODE_SMELL	0	6	0	0	0

ISSUES LIST

Name	Description	Type	Severity	Number
Code annotated as deprecated should not be used	Code annotated as deprecated should not be used since it will be removed sooner or later. Noncompliant Code Example @Deprecated("") interface Old class Example : Old // Noncompliant	CODE_SMELL	MINOR	6

SECURITY HOTSPOTS

SECURITY HOTSPOTS COUNT BY CATEGORY AND PRIORITY

Category / Priority	LOW	MEDIUM	HIGH
LDAP Injection	0	0	0
Object Injection	0	0	0
Server-Side Request Forgery (SSRF)	0	0	0
XML External Entity (XXE)	0	0	0
Insecure Configuration	0	0	0
XPath Injection	0	0	0
Authentication	0	0	0
Weak Cryptography	0	0	0
Denial of Service (DoS)	0	0	0
Log Injection	0	0	0
Cross-Site Request Forgery (CSRF)	0	0	0
Open Redirect	0	0	0
SQL Injection	0	0	0
Buffer Overflow	0	0	0
File Manipulation	0	0	0
Code Injection (RCE)	0	0	0
Cross-Site Scripting (XSS)	0	0	0
Command Injection	0	0	0
Path Traversal Injection	0	0	0

HTTP Response Splitting	0	0	0
Others	0	0	0

SECURITY HOTSPOTS LIST